The First Annual "Ima" Awards

The Internet Multicasting Service is pleased to announce the results of the highly prestigious and somewhat obscure "Ima" awards for 1993. The awards recognize people, software, and computers that have made a significant contribution to the Internet. In these days of Internet hype, our hope is to call attention to a few of the people making truly significant contributions.

The "Ima" awards are selected by our Prize Committee, an anonymous group of distinguished users and developers of the Internet. The "Ima" awards will be given once a year. The award classifications are not fixed and the Prize Committee will decide each year which categories are appropriate.

Lifetime Contribution to Basic Research

The "Ima" Award is presented to Dr. David Clark in the category of "Lifetime Contribution to Basic Research." Dr. Clark has a long and distinguished career in basic research and has made significant contributions in the areas of computer security, protocol design and implementation, and high-speed networks. Most recently, Dr. Clark has been a significant contributor in research in the areas of service classes, resource reservation, and policy routing in the Internet. Perhaps the most significant contributions from Dr. Clark have been in the field of research known as "herding elephants," showing us how to avoid giant bureaucracies and keep the Internet working on rough consensus and running code.

Geek of the Year

The "Ima" Award is presented to Dr. Stephen Deering in the category of "Geek of the Year." Dr. Deering has been instrumental in the fields of mobile computing, multicasting, and has been a leader in development and deployment of a next generation Internet Protocol. This leadership across a wide variety of research fields has been a significant contribution to the development of the Internet.

Most Innovative NIC

The "Ima" Award is presented to the RIPE NCC in the category of "Most Innovative NIC." RIPE has proven to be a truly innovative leader, showing an unparalleled flexibility in assigning address space to country-level NICs and in actively establishing new NICs around Europe. The RIPE NCC has actively supported the quarterly RIPE conferences in Europe and has shown global technical leadership in the deployment of *Classless Inter-Domain Routing* (CIDR), BGP-4, and other crucial technologies for the Internet.

Most Innovative Regional Network

The "Ima" Award is presented to the *Widely Integrated Distributed Environment* (WIDE) Project (Japan) in the category of "Most Innovative Regional Network." The WIDE Project has consistently shown an ability to involve a wide population of users and researchers in the Japanese Internet and has shown global technical leadership in the areas of deployment and implementation of ISDN, for support of TCP/IP on a wide number of unusual platforms, in mobile computing, and in support for character sets.

Most Innovative Application

The "Ima" Award is presented to NCSA *Mosaic* in the category of "Most Innovative Application." 1993 has been the year of the Internet Application, but the National Center for Supercomputer Applications has risen above this distinguished fray to develop a truly impressive piece of programming. NCSA *Mosaic,* which runs on X Windows, the Macintosh, and Microsoft Windows, is an interface to the *WorldWideWeb,* but has also integrated transparent access to other Internet services, ranging from FTP to WAIS to *Gopher.* NCSA *Mosaic,* in addition to an unparalleled flexibility in design, has proven to be a superb implementation.

Most Innovative Architecture

The "Ima" Award is presented to Tim Berners-Lee and the *World-WideWeb* (WWW) Team in the category of "Most Innovative Architecture." By carefully studying the areas of multimedia, hypertext, and SGML, WWW has developed a practical and powerful paradigm for finding and deploying information on the global Internet. The explosive growth of data on the Internet in 1993 is a tribute to the architectural vision embodied in the World Wide Web.

Most Exhaustive Documentation

The "Ima" Award is presented to the O'Reilly & Associates' "Nutshell Series" in the category of "Most Significant Contribution to Internet Documentation." While there have been many books and papers on the Internet, the Nutshell Series has proved to be an in-depth source of technical information through books dealing with such arcane topics as *Managing NFS and NIS, DNS and BIND,* and *Sendmail.* The Internet has gone far beyond the stage of oral history and high-quality documentation from sources such as the Nutshell Series has become an essential part of our infrastructure.

Most Effective Bureaucrat

The "Ima" Award is presented to Dr. Stephen Wolff in the category of "Most Effective Bureaucrat." With the advent of the HPCC, NREN, NII, and other programs, the Internet has become a highly visible public policy area. Despite intense public visibility and an often contentious policy environment, NSF has continued to take a leadership role in the Internet, funding and managing programs in a large number of key infrastructural and research areas. It is a tribute to Dr. Wolff's leadership that NSF has maintained such a visible role in the Internet.

Honorable Mentions

Honorable Mention "Ima" awards go to *WIRED* for the coolest new magazine, Bo Pitsker of the INTEROPnet as "network operator of the year" for his ability to swallow a firehose and deliver a several-thousand node network three times per year, and the *On-Line Bookstore* (OBI) as the "most innovative new service" for bringing people like Stephen King onto the Internet.

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—Ole J. Jacobsen, Editor and Publisher